

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An improved luminescent wheel axle assembly, comprising:

a latch base;₁

a ratchet bolt structure;₁ and

a plastic optical fiber structure;₂

wherein said latch base further ~~comprising~~ comprises an upper latch base and a lower latch base, ~~and~~ said latch base on its end surface having a plurality of insert holes for receiving ~~the insertion of said~~ plastic optical fiber structure and said plastic optical fiber structure being ~~coupled~~ coupling to a power supply to generate the luminescence effect, ~~and~~ said ratchet bolt structure capable of making appropriate adjustment to fit different axle diameters for latching and separating said upper latch base and said lower latch base so as to facilitate said wheel axle assembly to be installed on both sides of ~~the~~ an axle of ~~the~~ a wheel and accomplish ~~the~~ a safety effect for night driving.

2. (Currently Amended) An improved luminescence wheel axle assembly of claim 1, wherein said latch base at its center comprises a circular hole for engaging said axle of said ~~wheel-axle~~.

3. (Currently Amended) An improved luminescence wheel axle assembly of claim 1, wherein said upper latch base comprises a receiving rotary axle disposed at ~~the~~ a lower left end surface of said upper latch base, a ratchet structure disposed at ~~the~~ a right end surface of said

upper latch base, and ~~a plurality of the~~ insert holes disposed on ~~the~~ an end surface of ~~the~~ an outer edge of said upper latch base.

4. (Currently Amended) An improved luminescence wheel axle assembly of claim 1, wherein said lower latch base comprises a rotary axle disposed at ~~the~~ a upper left end surface of said lower latch base, a ratchet disposed at ~~the~~ a right end surface, and ~~a plurality of the~~ insert holes disposed on ~~the~~ an end surface of ~~the~~ an outer edge of said lower latch base.

5. (Original) An improved luminescence wheel axle assembly of claim 1, wherein said ratchet structure comprises a control post, a fixed ratchet plate, a spring, and a fixed plate.

6. (Currently Amended) An improved luminescence wheel axle assembly of claim 1, wherein said plastic optical fiber structure comprises a ~~luminescence~~ plastic optical fiber ~~structure~~ and a base, ~~being installed and removed at user's will and~~, said plastic optical fiber structure having different colors ~~for said luminescence plastic optical fiber structure~~.

7. (Currently Amended) An improved luminescence wheel axle assembly of claim 6, wherein said base ~~is comprised of~~ comprises different luminescence ~~plastic optical fiber structure~~ structures.